

Subject: Minutes: DSS-13 Weekly Meeting 06-16-09

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Minutes: DSS-13 Weekly Meeting on 06-16-09

DSS-13 Science/Engineering Activities:

Uplink Array: On DOY161, 0720-1135, there was an uplink array moon bounce experiment transmitted from DSS-25 and -26 and received at DSS-13. We had a problem at the beginning of the test (could not see the display). Sue Finley fixed the problem remotely. The rest of the experiment was very successful.

VLBI R&D OBSERVATION: There was a plan to perform this experiment on DOY 159. It was cancelled because of the problem at a PC field system (PCFS). L. Skjerve spent a couple days fixing it and it is back on line now.

GAVRT: DSS-13 staff completed the reassembly work of GAVRT 1st stage amplifier (S/X at position 2) into a closed chassis on Saturday, 6/13/09. This is to regulate the ambient temperature near the amplifier. The test and validation began on Tuesday and expect to complete this week.

DSS-13/IF to ACME: We plan to begin the Y-factor testing and perhaps with some diagnostic work next week.

DSS-13 Power and UPS protection: GDSCC personnel plan to move the 18 kW UPS from DSS-12 to DSS-13 control room on 6/18/09. We also received five 1500 VA UPS/Battery Back-up System.

Maser Refurbishing Work: Larry Schrader informed us that he has to put our work aside (again) because of a higher priority work on CTI 22 for MDSCC. After completing this work he will work on our maser work. The plan is to replace the damaged superconducting magnet with a spare unit he has.

Pointing Models: D. Rochblatt has been very busy with other tasks and could be for the rest of this FY. Watt had a discussion with M. Franco and he accepts to provide his support on this task. The plan is to work on three pointing models, X-band position 1, Ka-band position 1 and S/X band for position 2. The work could start around the 2nd or 3rd week of July.

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